



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182

(909) 396-2000 • www.aqmd.gov

HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : _____
Facility Address: _____
Type of Business: _____
SCAQMD ID No.: _____

A. Cancer Risk*

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over 70 years)

1. Inventory Reporting Year : _____
2. Maximum Cancer Risk to Receptors :
 - a. Offsite _____ in a million Location: _____
 - b. Residence _____ in a million Location: _____
 - c. Worker _____ in a million Location: _____
3. Substances Accounting for 90% of Cancer Risk: _____
Processes Accounting for 90% of Cancer Risk: _____
4. Estimated Population Exposed to Specific Risk Levels (including worker population)
 - a. 1 to <10 in a million _____
 - b. 10 to <100 in a million _____
 - c. 100 to <1000 in a million _____
 - d. >=1000 in a million _____
 - e. Total >= 1 in a million _____
5. Cancer Burden: _____ (including worker population)
Cancer Burden = (cancer risk) x (no. of people exposed to specific cancer risk)
6. Maximum Distance to Edge of 1×10^{-6} Cancer Risk Isopleth (meters) _____
7. Screening Cancer Risk to Most Exposed Individual
 - a. Residence (without silica) _____
 - b. Residence (silica only) _____

B. Hazard Indices*

[Long Term Effects(chronic) and Short Term Effects (acute)]

(non-carcinogenic impacts are estimated by comparing calculated concentration to identified reference exposure levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
 - a. Residence HI: _____ Location: _____ toxicological endpoint: _____
 - b. Worker HI : _____ Location: _____ toxicological endpoint: _____
2. Substances Accounting for 90% of Chronic Hazard Index: _____
3. Maximum Acute Hazard Indices:
 - a. Residence HI: _____ Location: _____ toxicological endpoint: _____
 - b. Worker HI : _____ Location: _____ toxicological endpoint: _____
4. Substances Accounting for 90% of Acute Hazard Index: _____

*Provide Tables listing contribution of each substance to Cancer Risk, Acute HI, and Chronic HI.